

Tetradonium Bromide

Other names:

1-Tetradecanaminium, N,N,N-trimethyl-, bromide
Ammonium, tetradecyltrimethyl-, bromide
Ammonium, trimethyltetradecyl-, bromide
Morpan T
Myristyltrimethylammonium bromide
Myristyltrimethylammonium bromide
Myrtrimonium bromide
Myrystyltrimethylammonium bromide
Mytab
N,N,N-trimethyl-1-tetradecanaminium bromide
N-tetradecyl-N,N,N-trimethylammonium bromide
Quaternium 13
Querton 14Br-40
Rhodaquat M214B/99
Sumquat 6110
Tetradecanaminium, N,N,N-trimethyl-, bromide
myristyltrimethylammonium bromide
n-tetradecyltrimethylammonium bromide
tetradecyltrimethylammonium bromide
trimethylmyristylammonium bromide
trimethyltetradecylammonium bromide

Inchi: InChI=1S/C17H38N.BrH/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18(2,3)4;/h5-17H2,1-4H3

InchiKey: CXRFDZFCGOPDTD-UHFFFAOYSA-M

Formula: C17H38BrN

SMILES: Br.CCCCCCCCCCCCCC[N+](C)(C)C

Mol. weight [g/mol]: 336.39

CAS: 1119-97-7

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C1119977&Units=SI>

Activity and thermodynamic parameters of some surfactants
Thermodynamic water interactions of some amino acids and peptides with tetradecyltrimethylammonium bromide
Volume Properties of N,N,N-trimethylammonium Bromides in Aqueous Solutions
Solubility of NaBr, NaCl, and KBr in Surfactant Aqueous Solutions: Micellar Parameters in Solutions with Cationic Surfactants and Nonionic Kinematic Viscosity, Speed of Sound, and Surface Tension of Chain Transfer Agent Octadecylamine between Aqueous and Water Studied by Limiting Diffusion Coefficients in Water and Tetradecyltrimethylammonium Bromide Solutions:

<https://www.doi.org/10.1016/j.fluid.2012.01.014>

<https://www.doi.org/10.1016/j.jct.2013.11.001>

<https://www.doi.org/10.1021/acs.jced.5b00451>

<https://www.doi.org/10.1021/je100905g>

<https://www.doi.org/10.1021/je201107a>

<https://www.doi.org/10.1021/je7003148>

<https://www.doi.org/10.1021/je900967j>

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